

PERMIT APPLICATION: NRS 07.230

APPLICANT: James Pratt
Pratt and Associates
200-A Manufactures Road
Chattanooga, TN 37405
(423) 267-9917

LOCATION: Approximately ¼ mile south of the intersection of East Brainerd Road at Ooltewah-Ringgold Road, Hamilton County.

WATERSHED DESCRIPTION: wetlands adjacent to unnamed tributary to Hurricane Creek. Lower Tennessee Watershed (HUC 06020001). Subject property and surrounding property consists of hay fields and scattered woodlots. Wetland are in five locations consisting of 0.59 ac., 0.17 ac., 0.06 ac., 0.02 ac., and 0.06 ac. totaling 0.9 acres. None of the wetlands are exceptional Tennessee waters.

PROJECT DESCRIPTION: The applicant proposes to construct a residential development that will require the placement of fill in 0.9 acres of jurisdictional wetland.

Compensatory wetland mitigation will occur onsite with the creation of 3.6 acres adjacent to the unnamed tributary to Hurricane Creek. Two areas, 1.83 acres and 1.77 acres, will be excavated down to elevations 0.5 to 2.5 feet below the elevation of the flood way limit. Connections will be via a wet swale. Hydric soil material will be utilized from the existing wetlands and placed in the created wetlands. Hydrology will be from flooding of the unnamed tributary, runoff, discharge from the retention – detention ponds and a high water table as evidenced in the existing wetlands. The created wetlands shall be planted with native wetland species.

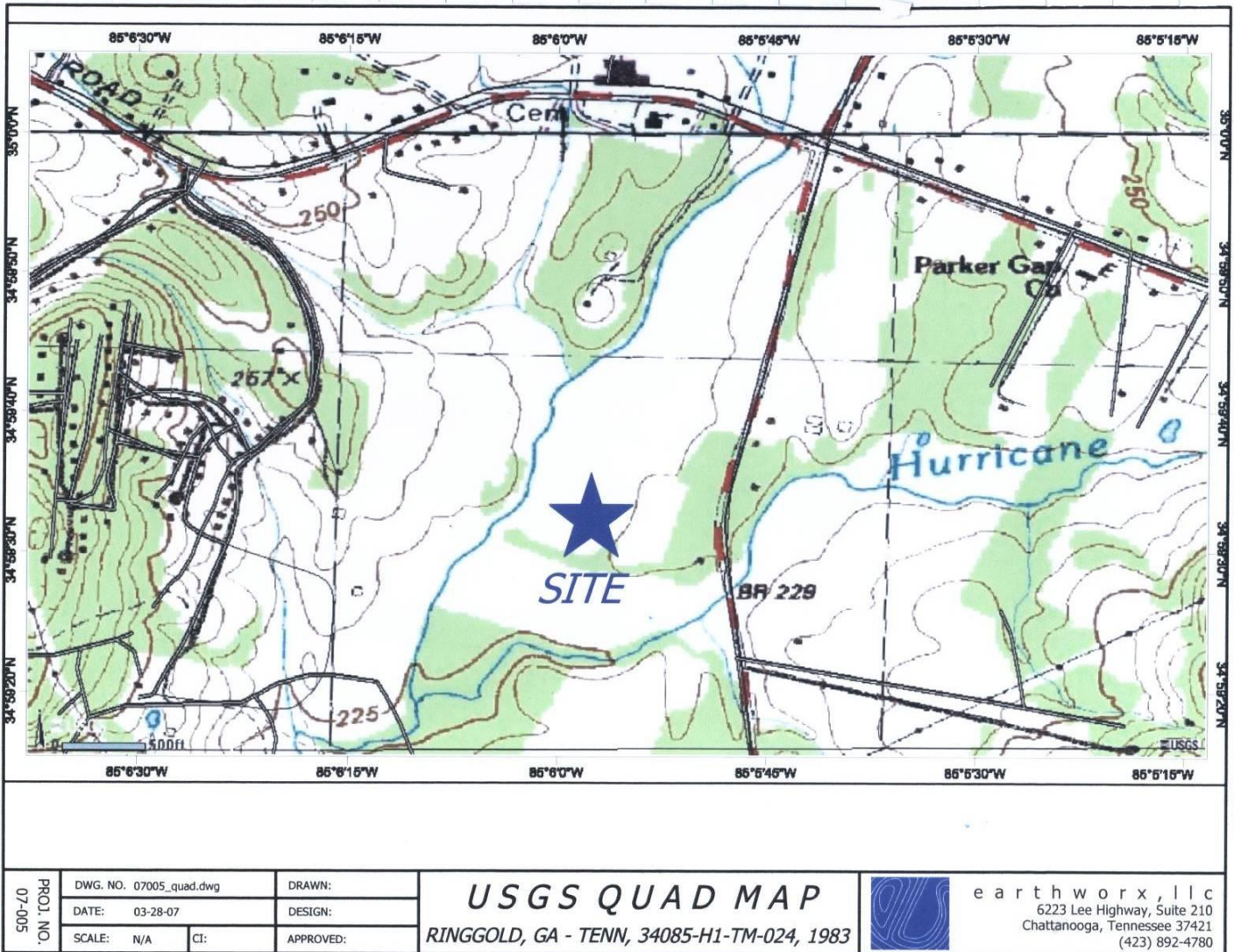
The applicant shall monitor and guarantee success of the compensatory wetland mitigation.

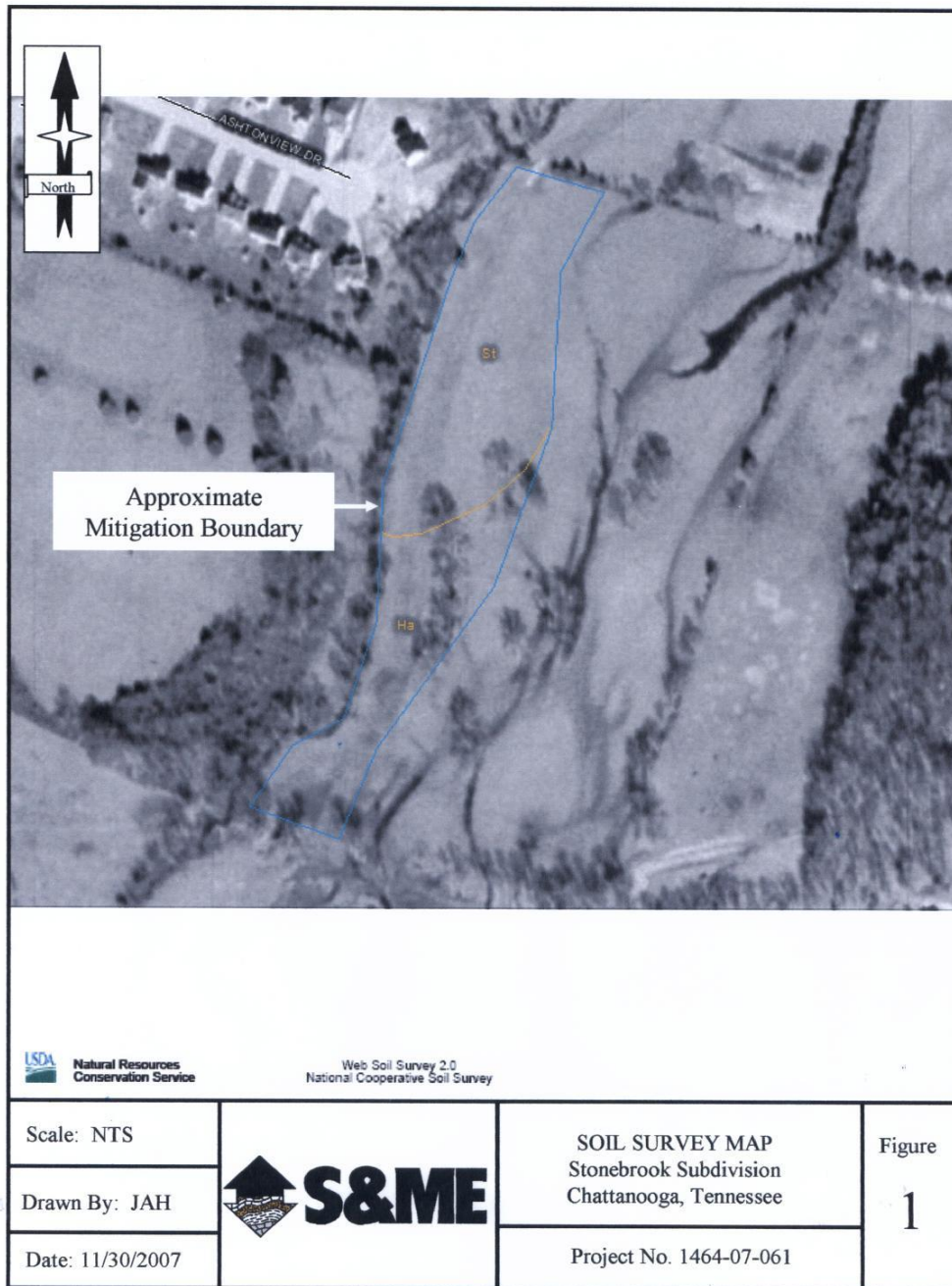
The division's Land Use Restrictions shall be placed on the mitigation areas.

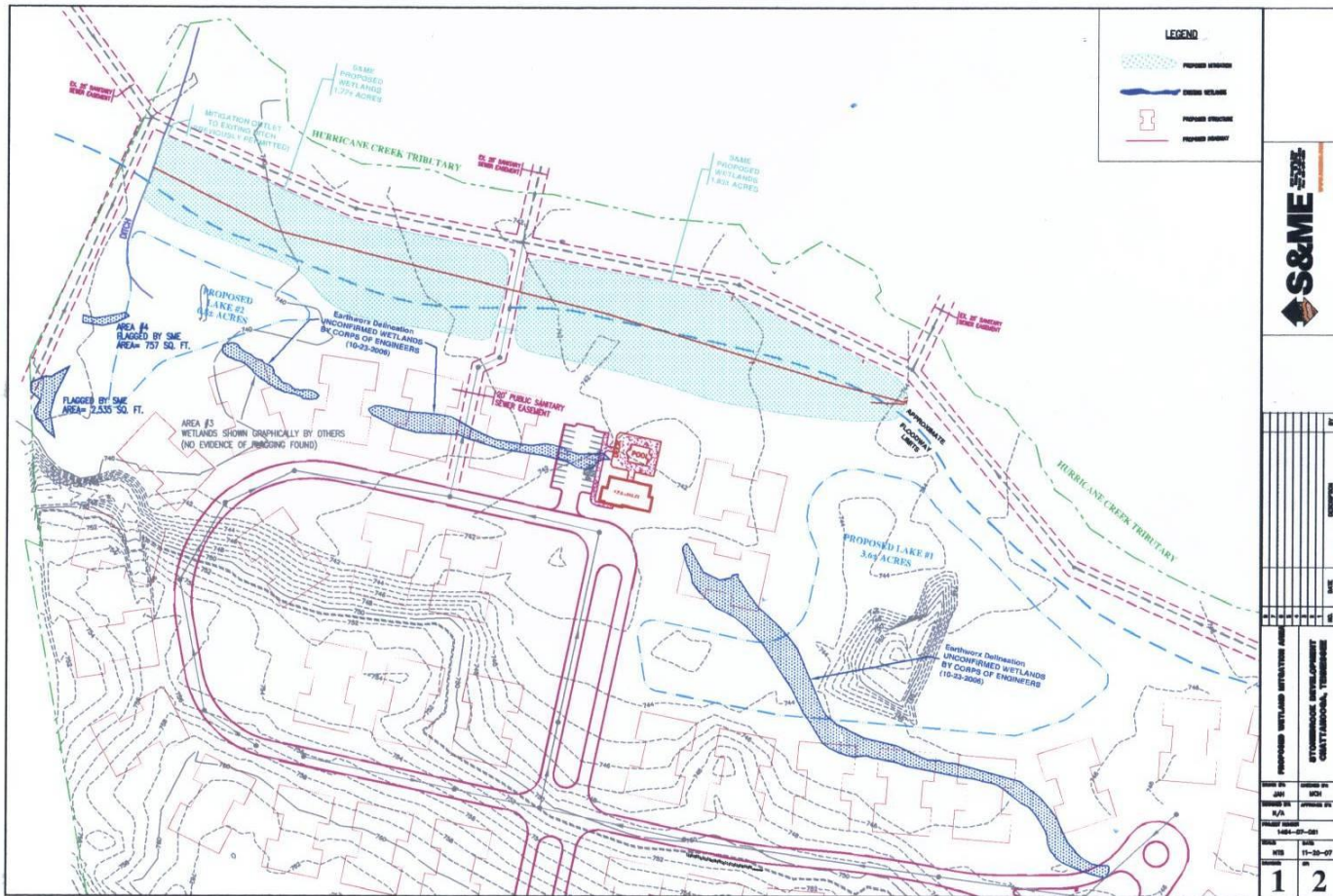
USGS TOPOGRAPHIC QUADRANGLE: Ringgold GA-TENN 113 NE
34.9925 Lat
85.0998 Long

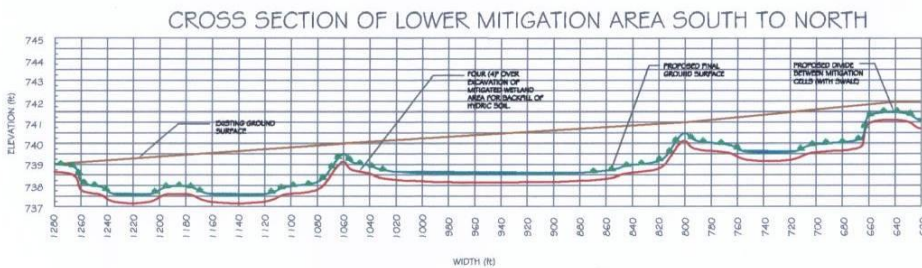
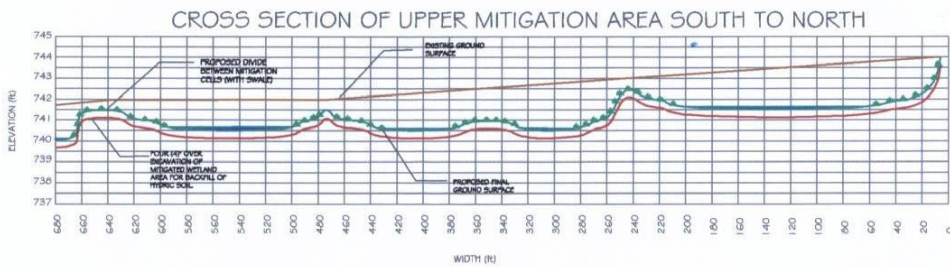
PERMIT COORDINATOR: Mike Lee

More details on the proposal can be viewed on the internet at
<http://www.state.tn.us/environment/wpc/ppo/arap>.

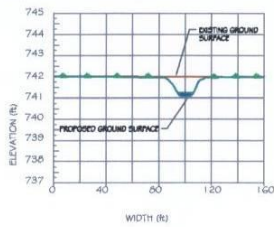




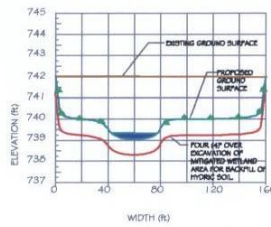




SEWER CROSSING WITH SWALE



TYPICAL CROSS SECTION EAST TO WEST



| | |
|------------------------------|-----------------|
| WETLAND MITIGATION | DATE: 11-15-07 |
| CONSTRUCTION AND MAINTENANCE | BY: JAMES PRATT |
| STATIONING AND ELEVATION | SCALE: 1"=40' |
| PROJECT NO. 07.230 | DATE: 11-15-07 |
| BY: JAMES PRATT | DATE: 11-15-07 |
| 2 | 2 |



Photo P6 South



Photo P7 North

PHOTO P6- P7 0.17 ACRE WETLAND



Photo P3 North



Photo P3 West

PHOTO P3-P4 0.59 ACRE WETLAND